

# भारत का राजपत्र

## The Gazette of India

प्राधिकार से प्रकाशित  
PUBLISHED BY AUTHORITY

सं. 26]

नई दिल्ली, शनिवार, जून 28, 1975 (अषाढ़ 7, 1897)

No. 26]

NEW DELHI, SATURDAY, JUNE 28, 1975 (ASADHA 7, 1897)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।

Separate paging is given to this Part in order that it may be filed as a separate compilation.

### भाग III—खण्ड 2

### PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

[Notifications and Notices issued by the Patent Office relating to Patents and Designs]

#### THE PATENT OFFICE PATENTS AND DESIGNS

Calcutta, the 28th June 1975

#### CORRIGENDA

(1)

In the Gazette of India Part III, Section 2, dated the 7th July, 1973 in page 350 Column 2, under the heading "Cessation of Patents"

delete No. 108874.

(2)

In the Gazette of India Part III, Section 2, dated the 17th November 1973 in page 610, Column 1, under the heading "Cessation of Patents."

Delete Nos. 111393 and 111394".

(3)

In the Gazette of India Part III, Section 2, dated the 5th January 1974 in page 14, Column 2, under the heading "Cessation of Patents."

Delete "126434"

(4)

In the Gazette of India Part III, Section 2, dated the 21st December 1974 in page 933, Column 2, under the heading "Cessation of Patents."

Delete No. 126663"

(5)

In the Gazette of India Part III, Section 2, dated the 25th January 1975 in page 69, Column 1, under the heading "Cessation of Patents".

Delete "130123"

127 GI/75

#### APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE

The dates shown in crescent brackets are the dates claimed under Section 135 of the Act.

22nd May, 1975

1031/Cal/75. Amitava Sen Gupta. Hydraulic lifting jack.

1032/Cal/75. Girling Limited. Improvements relating to spreading disc brakes. (June 4, 1974).

1033/Cal/75. Carrier Corporation. Motor compressor control.

1034/Cal/75. Girling Limited. Control valve assemblies. (June 4, 1974).

1035/Cal/75. Girling Limited. A master cylinder assembly for a vehicle hydraulic braking system. (June 8, 1974).

1036/Cal/75. Personal Products Company. Inhibiting production of undesirable products on body surfaces and environs.

1937/Cal/75. David Sciaky. Control and monitor for rotating arc welding.

1038/Cal/75. D. Chauhan. Engine adapted to run on fuels such as powerine, kerosene, diesel or petrol or a combination thereof.

1039/Cal/75. Metec Ag Mechanik Und Technik Engineering. Machine for treating worn out pneumatic tyres and for applying a pre-molded tread ring.

23rd May 1975

1040/Cal/75. Verson Allsteel Press Company. Safety indicator system and method for metal forming machines.

(409)

1041/Cal/75. Pfizer Inc. A process for preparing 6-( $\alpha$ -lamidino-and imidoalminoalkanoilamino)-aracylamino) penicillanic acids. (December 27, 1972) [Divisional date July 23, 1973].

1042/Cal/75. Chief Controller, Research & Development, Ministry of Defence, Government of India. Process for the preparation of electrolytic copper from chalcopryrite ore.

1043/Cal/75. Chief Controller, Research & Development, Ministry of Defence, Government of India. Process for the preparation of electrolytic copper from chalcopryrite ore.

1044/Cal/75. Chief Controller, Research & Development, Ministry of Defence, Government of India. Recovery of precious metals, such as cobalt, nickel, gold or silver from chalcopryrite.

1045/Cal/75. The chief Controller, Research & Development, Ministry of Defence, Government of India. Process for the preparation of sulphuric acid from chalcopryrite ore.

1046/Cal/75. Chief Controller, Research & Development, Ministry of Defence, Government of India. A process for the preparation of ammonia or ammonium sulphate from chalcopryrite ore.

1047/Cal/75. Palitex Project-Company GMBH. Means, on or attachable to a textile machine, for the positioning or receiving of a thread end and its transport along a pre-determined path.

1048/Cal/75. Harrison & Sons (High Wycombe) Limited and Green Shield Trading Stamp Company Limited. Improvements in or relating to the attachment of stamps, tokens and like devices to containers and to sachets for this purpose. (June 5, 1974)

1049/Cal/75. Syntex (U.S.A.) Inc. Process for preparing benzimidazole-2-carbamate derivatives. [Divisional date December 10, 1973].

24th May, 1975

1050/Cal/75. M. L. Prabhakar, H. T. Arc breaker fuse unit.

1051/Cal/75. Jahar Lal Bose. Valveless filter. [Addition to No. 111300].

1052/Cal/75. Almedahls Aktiebolag. Rotary screen mounting device.

1053/Cal/75. Bristol-Myers Company. Antibacterial agents. (June 5, 1974).

1054/Cal/75. Girling Limited. Improvements in internal shoe drum brakes. (June 5, 1974).

26th May 1975

1055/Cal/75. Messerschmitt-Bolkow-Blohm Gesellschaft mit beschränkter Haftung. Method for the production of rotationally symmetrical components such as liquid-cooled nozzles and combustion chambers for rocket propulsion units.

1956/Cal/75. Bayer Aktiengesellschaft. Salts of 9-imidazolyl (1),9-(2-methylphenyl)-fluorene. process for their preparation and their use as medicaments.

1057/Cal/75. The Lucas Electrical Company Limited. Full wave rectifier assembly (June 8, 1974).

1058/Cal/75. Smiths Industries Limited. Moving-coil electrical instruments. (June 13, 1974).

1059/Cal/75. Dana Corporation. Elastomeric seal for a universal joint.

1060/Cal/75 Schlegel Engineering GmbH. Process for the continuous overlap welding of plastic sheets or panels.

1061/Cal/75. Ranbaxy Laboratories Limited. Process for the manufacture of substituted amino benzophenones.

1062/Cal/75. A. K. Gupta, R. Krishnamurthy and J. Lal Vertical microtraverse.

1063/Cal/75. A. K. Gupta and J. Lal. Wind tunnel model incidence system.

27th May, 1975

1064/Cal/75. Council of Scientific and Industrial Research. A process for the preparation of an explosive composition.

1065/Cal/75. Solvay & Cie. Solid compositions for washing, cleaning and bleaching and processes for their manufacture and their use.

1066/Cal/75. Bayer Aktiengesellschaft. Azole antimycotics in cosmetics.

1067/Cal/75. William Leo Copeland. Construction composition.

1068/Cal/75. American Home Products Corporation. Process for the manufacture of acid-addition salts of aminoguanidines. (February 22, 1968) [Divisional date October 3, 1968].

1069/Cal/75. The Lucas Electrical Company Limited. Detent component. (June 14, 1974).

1070/Cal/75. Saint-Gobain Industries. Process and apparatus for the manufacture of tubular fibrous products.

1071/Cal/75. Giuseppe Giammarco and Paolo Giammarco. Method of removing CO<sub>2</sub> and/or H<sub>2</sub>S from a gaseous mixture containing same.

1072/Cal/75. Societe D' Assistance Technique pour Produits Nestle S.A. Process and apparatus for the culture of microorganisms.

1073/Cal/75. Deutsche Gold-und Silber-Scheideanstalt vormals Roessler. Procedure for manufacturing 3, 6-Bis-(2-methyl-mercaptoethyl)-2, 5-piperazindione.

28th May, 1975

1074/Cal/75. Flogates Limited. Improvements relating to sliding gate valves. (June 15, 1974).

1075/Cal/75. Telefonaktiebolaget L M Ericsson. Relay matrix for selector networks.

1076/Cal/75. Universal Oil Products Company. Reactivation of particulate catalyst masses.

1077/Cal/75. Centralny Osrodek Projektowo-Konstrukcyjny Maszyn Gorniczych "Komag". Baum jig.

1078/Cal/75. Research Corporation. Power piston actuated displacer piston driving means for free-piston stirling cycle type engine.

1079/Cal/75. United Technologies corporation MCRAIY type coating alloy.

#### APPLICATION FOR PATENTS FILED AT THE (BOMBAY BRANCH)

5th May, 1975

122/Bom/75. Dr. S. S. Lundas. Transplanting machine for cultivation.

123/Bom/75. Ideal Structurals Private Limited. An improved locking means for adjustable louvres and the like fittings.

6th May 1975

124/Bom/75. Prabhatchandra Satishchandra Das. Improved blade polisher.

7th May, 1975

125/Bom/75. The Bombay Textile Research Association. A novel approach to resin finishing of fabrics made from either cellulosic fibres or blends of cellulosic with man-made fibres based on the crosslinking of such fabrics under controlled conditions of water content through the use of suitable emulsion media for obtaining favourable balance between wrinkle recovery and mechanical properties of the treated fabric.

126/Bom/75. Dr. S. K. Sanghani. An improved device in the process of costing the common match stick.

8th May 1975

127/Bom/75. P. J. Patel and S. P. Amin. A gas, liquid or solid fuel-fired water heater for domestic and industrial use.

9th May 1975

128/Bom/75. M. Sharon. Preparation of paper pulp (hence paper) from congress grass.

12th May 1975

129/Bom/75. S. L. Patel. Improvement in and modification of warp stop motion used in textile weaving looms.

15th May 1975

130/Bom/75. R. N. Panchal. Improvements in or relating to permanent bolt fasteners.

16th May 1975

131/Bom/75. The Bombay Textile Research Association. A novel method for the thermal treatment of dyed and printed fabrics made from either cellulosic fibres or blends of cellulosic fibres with man-made fibres based on the principle of subjecting such fabrics to the direct heat of an open flame for promoting the rapid reaction and fixation of dyes, pigments, binders, resins and chemicals on such treated fabrics.

19th May 1975

132/Bom/75. R. K. Maharao. An improved fuel filter.

133/Bom/75. M. D. Bhate and S. S. Ponshe. Sealing wax.

22nd May 1975

134/Bom/75. V. L. Hotwani. Improved baby walker.

23rd May 1975

135/Bom/75. The Cotton Technological Research Laboratory and unit of The Indian Council of Agricultural Research. An enzymic process for desizing fabrics sized with tamarind kernel powder (TKP), using highly active thermostable cellulase produced by a fungus *Penicillium funiculosum* (Isolate F<sub>4</sub>)—

136/Bom/75. N. K. B. R. Obhan. Improvements in or relating to the fuel saving device in kerosene stoves.

#### APPLICATION FOR PATENTS FILED AT THE (MADRAS BRANCH)

17th May 1975

80/Mas/75. Mr. D. D. Kattimani. The human eye has magnifying power.

#### ALTERATION OF DATE

137330.

2048/Cal/74 Ante-dated to 6th October, 1971.

137331.

168/Cal/75. Ante-dated to 18th October, 1973.

#### COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, give notice to the Controller of Patents at the appropriate office as indicated in respect of each such application, on the prescribed form 15, of such opposition. The written statement of opposition should be filed along with the said notice or within one month from its date as prescribed in Rule 36 of the Patents Rules, 1972.

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8, Kiran Sankar Roy Road, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra if sent out of India). Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office.

CLASS 32F, & 55E. I.C.-CO7C 169/30, 169/34 95515  
METHOD OF PRODUCING NEW 9 $\beta$ , 10 $\alpha$ -STEROIDS.

F. HOFFMANN-LA ROCHE & CO. AKTIENGESELLSCHAFT. AT 124-184 GRENZACHERSTRASSE-BASLE SWITZERLAND.

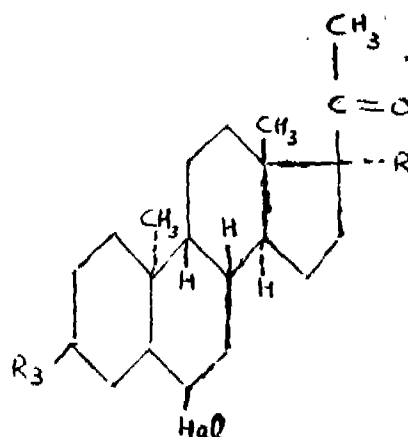
Application No. 95515 filed September 3, 1964.

Convention date June 29, 1964 (26744/64) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 3 Claims

Method of producing 9 $\beta$ , 10 $\alpha$ -steroids of the general formula I,



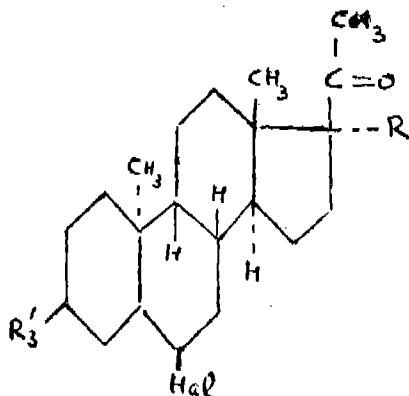
in which formula

R<sub>a</sub> represents

a 3-keto-1, 4-bisdehydro-system, or

a 3-keto-1, 4, 6-trisdehydro-system,

Hal represents a fluoro, chloro-or bromo atom, R represents a hydrogen atom or an esterified or etherified hydroxy group, characterized in that a compound of the formula shown in Fig. 4.



in which formula R<sub>3</sub> represents a 3-keto-4-dehydro-system,  
a 3-keto-4, 6-bisdehydro-system,

Hal represents a fluoro, chloro-or bromo atom, R represents a hydrogen atom or an esterified hydroxy or etherified hydroxy group is subjected to direct 1, 2-dehydrogenation in a known manner as herein described.

CLASS 17A<sub>1</sub> 55E<sub>4</sub>+E<sub>1</sub>+F & 83A<sub>1</sub> I.C.-C12b. 1/00. 106564

A METHOD FOR THE CULTIVATION OF MICRO-ORGANISM FOR THE PRODUCTION OF BEVERAGES, FOOD, MEDICINES AND CHEMICAL SUBSTANCES.

SANKYO COMPANY LIMITED, OF 1-6, 3-CHOME, NIHONBASHI-HON-CHO, CHUO-KU, TOKYO, JAPAN.

Application No.106564 filed August 9, 1966.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

1 Claim. No drawing

A method for the cultivation of a microorganism, for the production of beverages, food, medicines and chemical substances, in a solid culture medium, characterized by that the culture mass, placed in a covered or uncovered vat or vats is maintained under microbiologically appropriate temperature conditions by holding the vats in a water tank through which running water is passed continuously during the cultivation.

CLASS 32C & 55E<sub>4</sub> I.C.-A61K 21/00. 109596.

METHOD OF TREATING STREPTOCOCCUS HEMOLYTICUS.

CHUGAI SEIYAKU KABUSHIKI KAISHA, OF 5-5-1, UKIMA, KITA-KU TOKYO, JAPAN AND KYOWA HAKKO KOGYO CO., LTD. OF 4, OHTEMACHI-1-CHOME CHIYODA-KU TOKYO, JAPAN.

Application No. 109596. filed March 6, 1967.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims. No drawings

A method for producing a preparation useful in the inhibition of tumour which comprises adding penicillin to a cell-suspension of Streptococcus hemolyticus in a suspension medium to make the concentrations greater than 25,000 units/ml, incubating the mixture at 30-38°C and then further heating at 38-50°C.

CLASS 32F<sub>1</sub> I.C.-CO7c, 169/06.

125998

PROCESS FOR THE PREPARATION OF "HALOAMINOCARBONYLOXY COMPOUNDS OF THE STEROID SERIES.

VEB JENAPHARM, OF 13 OTTO-SCHOTT-STRASSE, JENA, GERMANY.

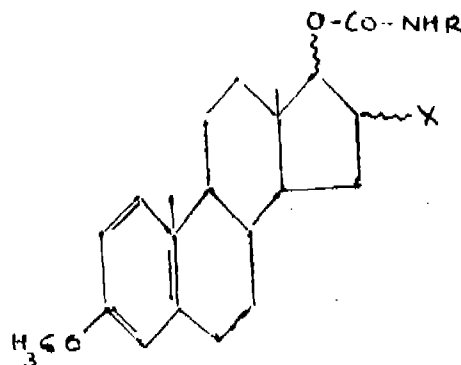
Application No. 125998 filed March 31, 1970.

Convention date May 22, 1969(26130/69) U.K.

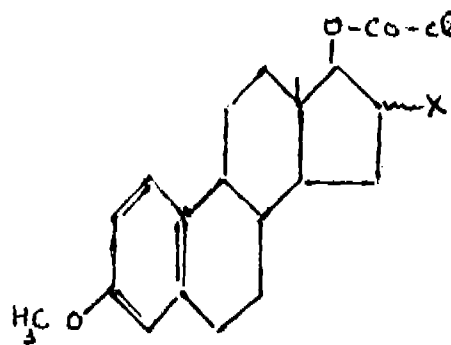
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

16 Claims

Process for the preparation of compounds of the steroid series, in which the amino group can be unsubstituted or substituted, of the general formula I.



wherein X is a halogen atom and R is a hydrogen atom or an alkyl aryl, aralkyl or cyclohexyl radical or an unsubstituted or substituted amino group or an acid residue and ~ represents α- or β-configuration wherein an steroid chlorocarbonic-acid ester of the formula II.



in which X is a halogen and ~ represents α- or β-configuration prepared from a cis-or trans-halogenhydrin of the steroid series by reaction with phosgene in an inert solvent in the presence of a basic catalyst, is reacted with an NH-active compound in a solvent with the addition of an acid-binding agent which does not itself react with chlorocarbonic acid esters.

CLASS 32F<sub>1</sub>b & 55E<sub>4</sub> I.C.-CO7d 99/24.

126502

PROCESS FOR THE PREPARATION OF γ-LACTAMS OF 3-AMINOMETHYL-CEPH-4-EME-4-CARBOXYLIC ACIDS.

ROUSSEL UCLAF, OF 35 BOULEVARD DES INVALIDES, PARIS 7EME, FRANCE.

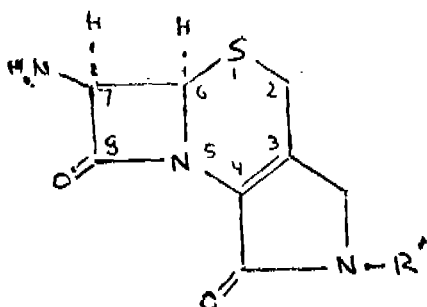
Application No. 126502 filed May 4, 1970.

Convention date June 27, 1969(32567/69) U.K.

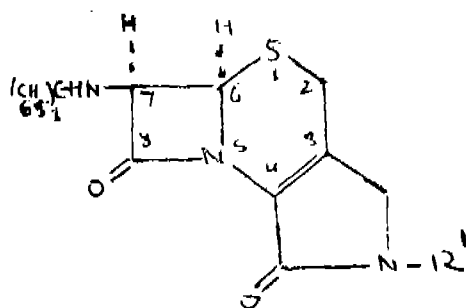
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 6 Claims

A process for the preparation of a  $\gamma$ -lactum of a DL-6H, 7H-cis-7-amino-3-aminomethyl-ceph-3-eme-4-carboxylic acid [which lactam is of general formula I.



(wherein R<sup>1</sup> represents hydrogen, an unsubstituted or phenyl-substituted alkyl group, or an unsubstituted, alkyl-substituted or alkoxy-substituted aryl group)], and salts thereof, in which a corresponding-7-tricylamino derivative of general formula X.



(wherein R<sup>1</sup> is as defined above) is detriylated by an acid agent such as described hereinbefore, to give the desired 7-amino derivative.

CLASS 32F<sub>1</sub>+F<sub>2</sub> & 55E<sub>2</sub>+E<sub>1</sub>. I.C.-CO7d 27/48. 132555

PROCESS FOR THE PREPARATION OF ISOINDOLINE DERIVATIVES.

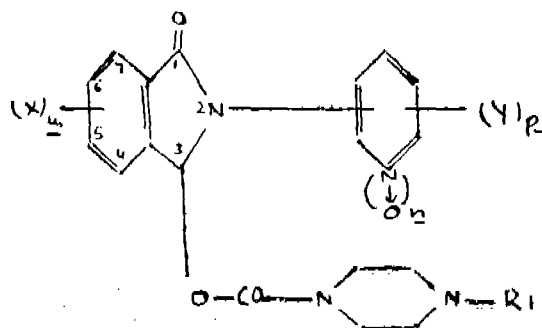
RHONE-POULENC S. A. OF 22 AVENUE MONTAIGNE, PARIS 8E, FRANCE.

Application No. 132555 filed August 18, 1971.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 12 Claims

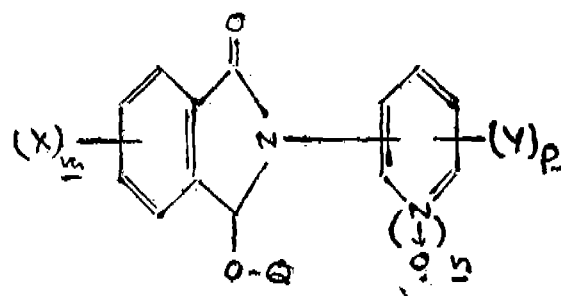
Process for the preparation of isoindoline derivatives of the general formula shown in Fig. I.



(wherein X represents a halogen atom, or an alkyl or alkoxy radical containing 1 to 4 carbon atoms, or a nitro radical, m represents zero or an integer from 1 to 4, Y represents a halogen atom or an alkyl or alkoxy radical containing 1 to 4 carbon atoms, or a cyano or nitro radical, p represents zero or an integer from 1 to 4 R<sub>1</sub> represents an alkyl or hydroxyalkyl radical containing from 1 to 4 carbon atoms, or an alkenyl radical containing from 2 to 4 carbon atoms, and n represents zero or 1), which comprises reacting a piperazine derivative of the general formula shown in Fig II.



wherein R<sub>1</sub> is as hereinbefore defined and P represents a hydrogen atom or a group Cl.CO, with an isoindoline derivative of the general formula shown in Fig. III.



wherein X, m, Y, p and n are as hereinbefore defined and Q represents a group -CO-O-Ar (wherein Ar represents a phenyl radical optionally substituted by an alkyl radical containing 1 to 4 carbon atoms) or represents an alkali metal atom, P representing a hydrogen atom when Q represents the group -CO-O-Ar, and P representing the group Cl-Co when Q represents an alkali metal atom and optionally converting by methods known *per se* the isoindoline derivative thus obtained into an acid addition salt.

CLASS 32F<sub>2</sub>b. I.C.-CO7d 85/52.

137328

PROCESS FOR PREPARING 1, 2, 4-OXADIAZOLE DERIVATIVES.

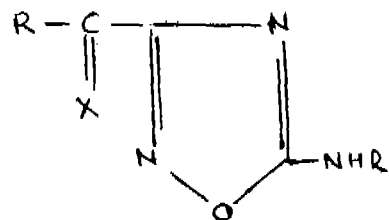
GRUPPO LEPETITI S.P.A. OF 8, VIA ROBERTO LEPETIT, MILAN, ITALY.

Application No. 1246/Cal/73 filed May 28, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

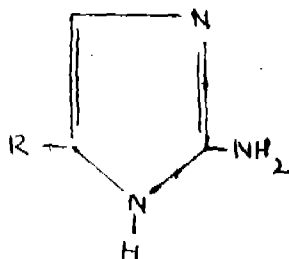
## 2 Claims

A process for preparing a compound of the formula I.

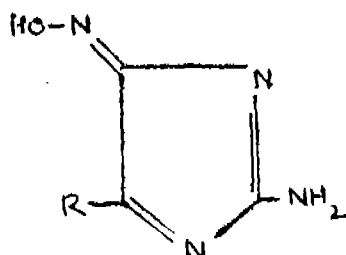


wherein R is a member of the class consisting of lower alkyl, cycloalkyl and aryl, R<sub>1</sub> represents hydrogen or acyl, X may be oxygen, hydrazono, substituted hydrazono, oximino, substituted oximino and the group (H, OH), which

process comprises nitrosating a 4(5)-substituted-2-aminoimidazole of the formula II,



wherein R has the above meaning, and heating the obtained 4(5)-substituted-2-amino-5(4)-oximino-5(4)-H-imidazole of the formula III.



wherein R has the above meaning, where by a compound of the general formula I in which X is oxygen is obtained, and optionally transforming the carbonyl group into the other groups falling within the general meaning given for X by known procedures.

CLASS 11C, 32F1+F2b & 55E1. 137329.  
I.C.-C07d 55/10, 57/34, C07C 127/12, 127/14,  
127/16 & 128/18, A61Q 27/00, A23/2, 1/16.

PROCESS FOR THE PRODUCTION OF [1, 4-DIOXO-BENZO-1, 2, 4-TRIAZIN-1-YL] UREAS.

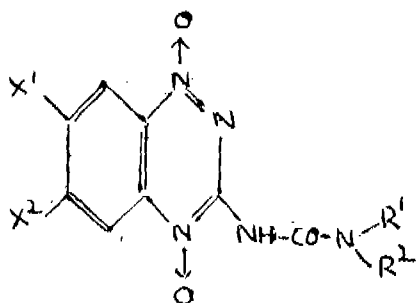
BAYER AKTIENGESellschaft, OF LEVERKUSEN, FEDERAL REPUBLIC OF GERMANY.

Application No. 2339/Cal/73 filed October 20, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

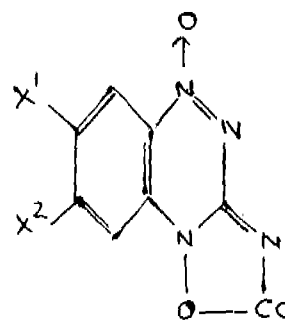
4 Claims.

A process for the production of compounds which are [1, 4-dioxo-benzo-1, 2, 4-triazin-1-yl]-ureas of the general formula I.

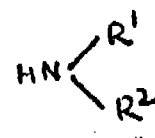


in which X<sup>1</sup> and X<sup>2</sup> are identical or different radicals selected from hydrogen atoms, optionally substituted alkyl radicals, optionally substituted alkoxy radicals, haloalkyl radicals and halogen radicals; R<sup>1</sup> and R<sup>2</sup> are identical or different radicals selected from hydrogen atoms, optionally substituted alkyl radicals, optionally substituted alkenyl radicals, and optionally substituted cycloalkyl radicals or R<sup>1</sup> and R<sup>2</sup>, together with amide nitrogen atom

between them, form a heterocyclic ring in which a compound of the general formula II,



is reacted with an amino compound of the general formula III.



in which X<sup>1</sup> and X<sup>2</sup>, general formulae II and III R<sup>1</sup> and R<sup>2</sup> are as defined above, at temperatures between 0 and 150°C.

CLASS 32F1+F2b & 55E1. I.C.-C07d 55/06. 137330

PROCESS FOR THE PREPARATION OF TRIAZOLYL-BENZOPHENONE DERIVATIVES.

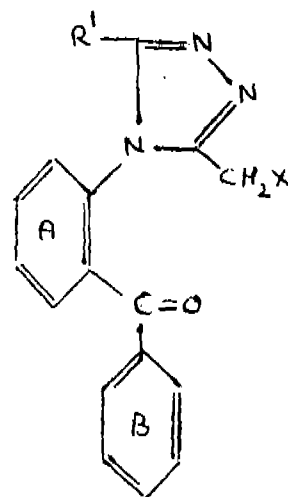
TAKEDA CHEMICAL INDUSTRIES, LTD., OF 27, DO-SHOMACHI, 2-CHOME, HIGASHI-KU, OSAKA, JAPAN.

Application No. 2048/Cal/74 filed September 13, 1974.  
Division of Application No. 133149 filed October 6, 1971.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

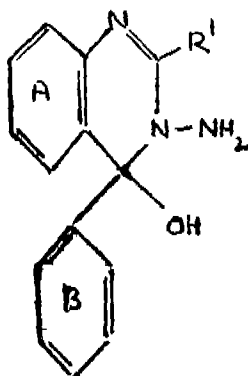
2 Claims.

A process for the production of triazolylbenzophenone derivatives represented by the compound of formula II.



Wherein R<sup>1</sup> is hydrogen atom or lower alkyl group having 1-3 carbon atoms, X is halogen atom, and the rings A and/or B are unsubstituted or substituted by one or more substituents, same or different, of halogen, nitro, trifluoromethyl, alkyl or

alkoxy group, which comprises reacting quinazoline derivative represented by the compound of formula III.



wherein  $R^1$  and the rings A and B have the same meaning as defined above, with a reactive derivative of monohaloacetic acid as herein described, and then reacting the resulting compound with a weak acid as herein described.

CLASS 32F3a, I.C.-C.07C 41/10.

137331

PROCESS FOR THE PREPARATION OF PYROCATECHOL ETHERS.

BASF AKTIENGESSELLSCHAFT, AT 6700 LUDWIGSHAFEN, FEDERAL REPUBLIC OF GERMANY.

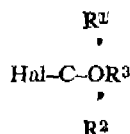
Application No. 168/Cal/75 filed January 28, 1975.

Division of Application No. 2324/Cal/73 filed October 18, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims.

A process for the production of a pyrocatechol ether wherein pyrocatechol is reacted in the presence of a base, with an  $\alpha$ -halo-ether of the formula :



whereas Hal is Cl, Br or I  $R^1$  is hydrogen or lower alkyl,  $R^2$  is lower alkyl which may be substituted by halogen, methoxy, or ethoxy, or benzyl,  $R^3$  is lower alkyl, cycloalkyl,  $\beta$ -chloroethyl, alkoxyalkyl, lower alkenyl, lower alkynyl or acyl,  $R^1$  and  $R^2$  together with the carbon atom whose substituents they are and  $R^3$  together with the carbon or oxygen atom whose substituents they are denote a five-membered or six-membered ring and  $R^3$  has the above meanings.

CLASS 85Q, I.C.-F27b 7/20

137332.

SUPPORT FOR ROTARY TUBULAR FURNACE.

SOCIETE FIVES LILLE-CAIL, OF 7 RUE MONTALLIVET, 75383 PARIS CEDEX 08, FRANCE.

Application No. 1274/Cal/73 filed May 31, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

17 Claims

A support for a rotary tubular furnace comprising two rollers mounted on the ends of a rocker resting on a frame, the support being characterised in that the rocker rests on the frame through the agency of a ball joint, the centre of which is situated in the plane of symmetry of the rollers perpendicular to their axes and at equal distances from the axes and the diameter of the ball joint being less than the width of the tread of the rollers.

CLASS 172D, I.C.-D01h 1/08.

137333.

A DOUBLE-TWISTING MACHINE HAVING A HAND KNOTTER.

PALITEX PROJECT-COMPANY GMBH, OF WEESERWEG 8, 415 KREFELD, WEST GERMANY.

Application No. 1410/Cal/73 filed June 16, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims

A double-twisting machine having a hand knitter, characterised in that extending along the machine in front of the spindles is a suction duct which has, in front of each spindle, an aperture surrounded by an upwardly-presented insert or socket funnel sealed by two closure members which are outwardly-swingable about stationary axes against spring force and which have upper inclined surfaces which stand in hopper fashion with regard to each other and which, with the insertion of the hand knitter, swing out to allow the engagement of a plug-in connecting part of said knitter into the funnel for the passage of suction air, and in that the hand knitter has a suction duct which connects to the plug-in connecting part and which engages on the outside over the hand knitter in the direction of the spindle axis and which opens out at the level of a plane determined by the upper surface of a superimposed supply bobbin.

CLASS 87B, I.C.-A63b 37/04, 37/12.

137334

A SPORTS BALL PARTICULARLY FOR CRICKET AND HOCKEY GAMES.

PREM NATH MAGON AND KANSHI RAM MAGON TRADING AS A. K. RUBBER INDUSTRIES, G. T. ROAD, JULLUNDUR CITY-1, PUNJAB, INDIA.

Application No. 1454/Cal/73 filed June 21, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims

A sports ball particularly for use in playing cricket hockey and like games comprising a core made principally of a mixture of cork and rubber in a ratio of 4 : 1, said mix being heat moulded to round shape such that vulcanization of the rubber in the said mixture forming the core is complete, said core being thereafter covered at its outside with a layer of rubber vulcanized on the said core by a known method.

CLASS 97D & 98H, I.C.-G05d 23/00, G05b 3/00

137335.

ARRANGEMENT FOR THE ADJUSTMENT OF THE TEMPERATURE OF THE HEATING PLATE IN AN ELECTRIC IRONING PRESS.

MEFINA S. A., OF 5A, BOULEVARD DE PEROLLES, FRIBOURGE, SWITZERLAND.

Application No. 2163/72 filed December 15, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims

Arrangement for adjusting the temperature of the heating plate in an electric ironing press of the type including a thermostat controlled by a hand-operated adjusting knob, means defining the desired temperature to be assumed by the plate and controlled by said knob in synchronism with the adjustment of the thermostat and further means controlled by said knob switching off the supply of electric energy at the end of its thermostat-adjusting range, said arrangement being characterised by the fact that said temperature-defining means are constituted by a tape including in sequence two differentiated sections of which at least one is translucent, said tape moving under control of the said knob through the gap between a source of light and an at least partly translucent stationary panel, so as to make a predetermined location of said tape register with a selected temperature-defining mark on the panel.

CLASS 107F &amp; 127H. I.C.-G05d 13/00, F23q 5/00. 137336

**CENTRIFUGAL MECHANISM.**

THE LUCAS ELECTRICAL COMPANY LIMITED, FORMERLY KNOWN AS JOSEPH LUCAS (ELECTRICAL) LIMITED, OF WELL STREET, BIRMINGHAM 19, ENGLAND.

Application No. 110/Cal/73 filed January 15, 1973.

Convention date January 15, 1972 (2021/72) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

**4 Claims**

A centrifugal mechanism, for an ignition distributor, including a driven shaft, a cam shaft, the cam shaft being coupled to the driven shaft and having its axis co-extensive with the driven shaft axis, a first plate secured to the cam shaft, a second plate secured to the driven shaft and generally parallel with the first plate, a control weight pivotally mounted on one of the pair of plates constituted by the first plate and the second plate, for movement about an axis generally parallel to the driven shaft axis, a cam engaged by the control weight and carried by the other plate of said pair of plates, and, a moulded synthetic resin spacer maintaining the first and second plates spaced apart by a predetermined amount, the spacer also being engaged by the control weight in a rest position of the weight.

CLASS 69E &amp; 107F. I.C.-H01h, 5/00. F23q 5/00. 137337

**CONTACT BREAKER ASSEMBLIES.**

JOSEPH LUCAS (ELECTRICAL) LIMITED, OF WELL STREET, BIRMINGHAM 19, ENGLAND.

Application No. 112/Cal/73 filed January 15, 1973.

Convention date January 15, 1972 (2025/72) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

**7 Claims**

A contact breaker assembly, for use in an internal combustion engine spark ignition system, including a fixed contact, a movable contact a conductive leaf spring electrically connected to the movable contact and urging the movable contact towards the fixed contact, one end of said leaf spring being bent back upon itself to define a spring clip and a terminal member engageable between the limbs of the spring clip so as to be physically and electrically connected to the spring, the terminal having thereon a projection and said clip being arranged to receive and grip that region of the terminal which bears the projection.

CLASS 107F. I.C.-F02p, 7/00. 137338

**IGNITION DISTRIBUTORS.**

JOSEPH LUCAS (ELECTRICAL) LIMITED, OF WELL STREET, BIRMINGHAM 19, ENGLAND.

Application No. 114/Cal/73 filed January 15, 1973.

Convention date January 15, 1972 (2043/72) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

**10 Claims**

A method of manufacturing an ignition distributor including starting with a casing blank having a hollow cup shaped body portion and an integral hollow shank portion, and supporting the blank for a machining operation by engaging clamping devices with each of a pair of generally diametrically opposed lugs on the casing body portion.

CLASS 126A &amp; 181. I.C.-F16j 15/00, G01r 27/00. 137339

**A DEVICE FOR INSPECTION OF THE SEALING AT A SEAL-POINT.**

MARTIN FROLICH, OF MOOSSTRASSE 2, 3073 GÜMLIGEN, SWITZERLAND.

Application No. 342/Cal/73 filed February 16, 1973.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

**4 Claims**

A device for inspection of the sealing at a seal-point between two parts of a device containing an electrically conductive fluid, in particular of a valve, with two electrically conductive zones, insulated from one another and provided at one or both sealing surfaces of the seal point and which are so disposed that they come into contact with the fluid if the seal-point does not seal, and with a device connected to these zones for examination of the electrical conductivity between these zones, characterised in that the sealing surfaces are conical and the electrically conductive zones are conical circular surfaces of electrically conductive parts and at least one insulating zone separating these zones from one another is a conical circular surface of an insulating part and in that these parts are pressed together coaxially with pretension to form a fluid seal.

CLASS 108C<sub>3</sub> & 198A. I.C.-C04b 5/02. 137340**APPARATUS FOR DEWATERING A MASS OF GRANULAR MATERIALS MIXED IN HOT WATER.**

RASA SHOJI K. K., OF NO. 12, 1-CHOME, KAYABACHO, NIHONBASHI, CHUO-KU, TOKYO, JAPAN AND NIPPON KOKAN K.K., OF NO. 1-3, 1-CHOME, OTEMACHI, CHIYODA-KU, TOKYO, JAPAN.

Application No. 1067/Cal/73 filed May 7, 1973.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

**4 Claims**

An apparatus for separating hot water from a mass of granular materials which is initially at a high temperature to heat the water mixed therewith, said apparatus comprises a container having an upper section for receiving said mass of granular materials and a lower hopper section provided at the bottom with outlets for the dewatered mass of granular materials, said upper pocket section having a porous outer peripheral wall to pass the water therethrough heat-exchanger means surrounding at least said upper pocket section and receiving and cooling the water passed through said outer peripheral wall of said upper pocket section, a channel disposed around a part of said container below said heat-exchanger means, a duct disposed centrally of said container and extending upwardly from the bottom of said container beyond the top thereof, said duct having a porous peripheral wall to allow the water and vapour to pass inwardly and the water to flow downwardly while the vapour to flow upwardly through said duct, and a passage adjacent to the bottom of said lower hopper section being communicated with said duct and said channel so that the water discharged from the mass of granular materials is connected from said duct and channel into said passage for the recirculation and reuse thereof.

CLASS 37C &amp; 40F. I.C.-F26b 5/08. 137341

**APPARATUS FOR THE RECEPTION OF SOLID PARTICLES IN A CONTINUOUSLY OPERATING CENTRIFUGAL SEPARATOR.**

SOCIETE FIVES LILLE-CAIL, OF 7 RUE MONTALIVET, 75383 PARIS CEDEX 08, FRANCE.

Application No. 1360/Cal/73 filed June 11, 1973.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

**10 Claims**

Apparatus for the reception of solid particles for a centrifugal separator, comprising a resilient wall which is a body of revolution and the axis of which is parallel to the axis of

the separator and is situated on the path of travel of solid particles thrown from a basket, the apparatus being characterised in that the said wall consists of a sleeve made of rubber or a similar material, one end of which is fixed rigidly to the separator tank while the other end carries a rigid ring, the apparatus also comprising means for communicating to the ring alternating movements substantially parallel to the axis of the sleeve so as to subject the latter to alternating expansion and contraction.

CLASS 29A, I.C.-GO6k, 15/00. 137342

DISPLAY DEVICE USED FOR THE DISPLAY OF CHARACTERS AND NUMBERS IN ELECTRONIC CALCULATORS.

BURROUGHS CORPORATION, OF BURROUGHS PLACE, DETROIT, MICHIGAN, 48232, UNITED STATES OF AMERICA.

Application No. 2740/Cal/73 filed July 25, 1973.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 7 Claims

A display device for the display of characters and numbers in electronic calculators comprising a generally flat panel-type envelope including a base plate and a face plate, means in said envelope defining a plurality of gas-filled glow cells with an anode and cathode electrode associated with each of said glow cells, a tubulation secured to the bottom surface of said base plate outside said envelope and communicating with the interior of said envelope through a hole in said base plate whereby gas can be introduced into said envelope, a short small-diameter tube secured to said base plate in communication with said hole therein and extending from said base plate into said tubulation, and a quantity of mercury disposed within said tubulation for introduction of the vapour thereof into said envelope.

CLASS 119D, I.C.-D03J 5/26. 137343

IMPROVEMENTS IN AND RELATING TO LOOMS AND WEFT INSERTERS THEREFOR.

JAMES MACKIE & SONS LIMITED, OF P.O. BOX 149, BELFAST, NORTHERN IRELAND, BT 12 7ED.

Application No. 1997/Cal/73 filed August 30, 1973.

Convention date August 31, 1972/(40498/72) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Office, Calcutta.

#### 18 Claims

A weft inserter for a shuttleless loom of the transfer type having a pivotted lever carrying or formed with a yarn hook at one end, the hook being located adjacent the leading end of the inserter and the lever being pivotally mounted to the inserter adjacent the hook.

CLASS 70C & 155F, I.C.-C23b 11/00, B44C 1/04, B01K 1/00 137344.

IMPROVEMENTS IN OR RELATING TO THE PRODUCTION OF METAL ARTICLES WITH COLOURED ELECTRO-ORGANIC COATINGS.

COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAJI MARG, NEW DELHI-1, INDIA.

Application No. 272/72 filed May 23, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 4 Claims, No drawings

A process for the production of metal articles with coloured electro-organic coatings by electrodepositing organic resins over metals from an electrodeposition bath characterised in that dyes and pigments as herein described are incorporated in the electrodeposition bath and that the coloured resin is deposited by alternating current.

2—127GI/75

CLASS 195G, I.C. F16K.

137345

GAS RELEASE VALVE.

THE WALTER KIDDE COMPANY LIMITED OF BELVUE ROAD, NORTHOLT, MIDDLESEX, ENGLAND.

Application No. 1836/72 filed November 7, 1972.

Convention date November 8, 1971/(51844/71) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 5 Claims

A gas release valve comprising a valve body having a gas inlet, a gas flow passage extending from the inlet to a gas outlet via a main valve opening a main valve seat surrounding the main valve opening, a chamber at the upstream side of the main valve seat, an annular main valve element slidably mounted in the chamber for movement into and out of engagement with the main valve seat to close and open the valve, said valve element projecting laterally beyond the valve seat thereby to provide a portion whereon the gas pressure upstream of the main valve seat acts in a sense to open the valve, the chamber being in restricted communication with the gas flow passage at the upstream side of the main valve seat whereby, when the valve is closed, the chamber is pressurised in a sense to press the main valve element against the main valve seat, said annular main valve element having a central opening which places the chamber in communication with the flow passage at the downstream side of the main valve seat and which is bounded by a pilot valve seat, a pilot valve element disposed at the upstream side of the pilot valve seat and resiliently loaded into engagement with the pilot valve seat, the valve body further providing a cylinder which is coaxial with said chamber but which is sealed therefrom and from the flow passage, a piston slidably mounted in the cylinder, a rod extending between the piston and the pilot valve element and guided for sliding movement lengthwise of itself in the valve body, said cylinder having an inlet port for the supply of pressure fluid to the cylinder to operate the piston and said rod to lift the pilot valve element off the pilot valve seat against the resilient loading on the pilot valve element, and an actuator rod slidably and sealingly mounted in the valve body at the side of the piston remote from the main valve opening which actuator rod projects from the valve body and is manually operable to move the piston to cause the pilot valve element to be lifted from the pilot valve seat.

CLASS 32A, I.C.-G09b 31/30.

137346

PROCESS FOR PREPARING POLYAZO DYESTUFFS.

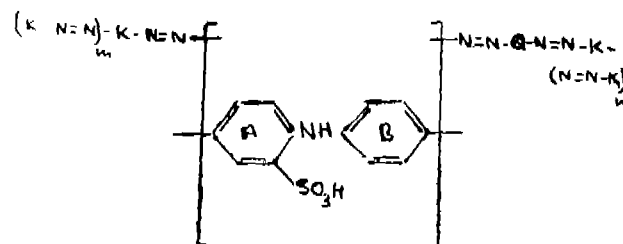
BAYER AKTIENGESellschaft, OF LEVERKUSEN, FEDERAL REPUBLIC OF GERMANY.

Application No. 490/Cal/73 filed March 6, 1973.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 1 Claim

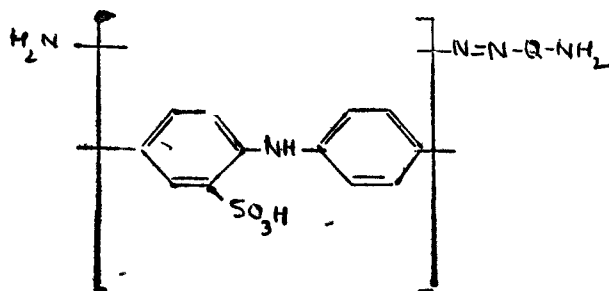
Process for the manufacture of polyazo dyestuffs of the general formula I.



wherein Q=a sulpho-1, 4-naphthylene radical,

K=a radical of a coupling component of the hydroxynaphthalene or aminonaphthalene series, and has a hydroxy group in the opposition relative to the azo bridge, in particular a hydroxy-amino-sulpho-naphthyl radical,

K<sub>1</sub>=a radical of the hydroxybenzene, amino-benzene, hydroxynaphthalene or aminonaphthalene series and n and m =0 or 1, with n+m=0 or 2 characterised in that tetrazotised azo dyestuffs of the formula II.



wherein Q=a sulpho-1, 4-naphthylene radical

are coupled with 2 mols of a coupling component KH (wherein K is as herein defined) in an aqueous-alkaline medium and, in the case that the coupling component KH contains diazotisable amino groups, the product may be tetrazotised further and coupled with 2 mols of a coupling component K<sub>1</sub>H (wherein K<sub>1</sub> is as herein defined).

CLASS 67C. I.C.-F15b 21/04, GO5b 13/00. 137347

#### APPARATUS FOR CONTROLLING INDEPENDENT OPERATING PARAMETERS IN A PROCESS SYSTEM.

TEXACO DEVELOPMENT CORPORATION, OF 135 EAST 42ND STREET, NEW YORK, NEW YORK 10017, U.S.A.

Application No. 882/Cal/73 April 13, 1973.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 8 Claims

Apparatus for controlling a process so that independent and dependent operating parameters of the process do not exceed constraint values, comprising means for providing outputs corresponding to predetermined changes in at least two independent operating parameters; means connected to the output means for providing groups of signals in accordance with the outputs from the output means; each group is associated with a different independent operating parameter and the signals in that group correspond to predicted values for different dependent operating parameters and the associated independent operating parameter; means for providing a plurality of voltages, each voltage corresponding to a constraint value for a different operating parameter; means connected to the voltage means and to the signal means for comparing each signal for an operating parameter with the voltage corresponding to the constraint value for the operating parameter and providing a signal in accordance with the outputs from the comparing means.

CLASS 64B<sub>a</sub> & 206E. I.C.-HO1r 31/00, 19/28; 137348  
HO1L 1/14.

#### ELECTRICAL CONNECTOR FOR TRANSISTOR OUTLINE SEMICONDUCTOR DEVICE.

BUNKER RAMO CORPORATION, OF 900 COMMERCE DRIVE, OAK BROOK, ILLINOIS, UNITED STATES OF AMERICA.

Application No. 1217/Cal/73 filed May 23, 1973.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Calcutta.

#### 11 Claims

An electrical connector for a semiconductor device having a plurality of elongated metallic leads extending rearwardly from a support, said connector comprising: an insulating base including a front face for receiving in spaced relationship the support of said device, a plurality of openings extending rearwardly in said base, and spaced to receive said leads, at least one of said openings being elongated in a direction perpendicular to said rearward extension of said openings, the elongation having a length and width with the length being of a dimension at least twice that of the width, and a plurality of metallic contacts disposed in said openings for electrical engagement with said leads.

CLASS 98E. I.C.-C21b 15/00; F28d 17/02. 137349

#### INSTALLATION FOR THE REDUCTION OF IRON ORES BY THE METHOD OF DIRECT REDUCTION.

THYSSEN NIDERRHEIN AG, HUTTEN-UND WALZWERKE, OF 42, OBERHAUSEN, ESSENER STRASSE \ 66, FEDERAL REPUBLIC OF GERMANY.

Application No. 1748/Cal/73 filed July 26, 1973.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 7 Claims

Installation for the reduction of iron ores by the method of direct reduction,—with a shaft furnace and equipment for producing the reducing gases from gaseous hydrocarbons resulting from the process, the equipment for producing the reducing gases having two regenerative converters working in alternate timing with each other and also alternating between the conversion stage and the heating stage, characterised by the fact that a regenerative air pre-heating heat exchanger (3) is connected after each converter (2) on the side where the reducing gases are drawn off, and a common buffer heat exchanger (4) is connected after each air-pre-heating heat exchanger in the path of the reducing gases between the converters (2) and the shaft furnace (1), and during the heating up of a converter (2) combustion air for the combustion of fuels can be passed through the air pre-heating heat exchanger (3) of this converter (2); and that during the conversion of the process hydrocarbons the reducing gases can be introduced into the shaft furnace (1) through the air pre-heating heat exchanger (3) and the buffer heat exchanger (4); also that the buffer heat exchanger (4) is designed for an approximately constant final temperature of the reducing gases.

CLASS 55E. I.C.-C12b 1/00. 137350

#### PROCESS FOR PRODUCING AN ANTIGEN FRACTION.

AGENCE NATIONALE DE VALORISATION DE LA RECHERCHE, (A.N.V.A.R.), OF 13 RUE MADELEINE MICHELIS, 92200 NEUILLY-SUR-SEINE, FRANCE.

Application No. 188/Cal/74 filed January 29, 1974.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 13 Claims. No drawings

Process for producing an antigen fraction which is the portion of a culture of pathogenic microorganisms which gives the first peak in the ultra-violet absorption at 280nm, and which, when opposed to an immunoserum produced in an animal from the same culture, gives the precipitation band or the pair of precipitation bands the closest to the antigen well in the diffusion test in an agar medium and in the immunoelectrophoretic analysis test, which comprises lysing a culture of the pathogenic microorganism under sterile conditions in such a way as to produce a suspension of lysed microorganism, either chromatographing this suspension, and collecting the most rapidly moving protein fraction or purifying and centrifuging the suspension.

CLASS 69K, I.C.-HQ1h 9/32.

137351

INSULATING PART OF ELECTRIC SWITCHING DEVICE.

ALLMANNA SVENSKA ELEKTRISKA AKTIEBOLAGET, OF VASTERAS, SWEDEN.

Application No. 63/Cal/73 filed January 9, 1973.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 8 Claims

Electric switching device having at least one insulating part in the form of moulding having a binder of an acrylate resin converted into polymerized form, which is subjected to the influence of electric arcs, characterised in that the binder consists essentially of a mixture of a linear acrylate polymer and a monomeric acrylate compound consisting of polyethylene glycol dimethacrylate and/or a polyethylene glycol diacrylate, converted into polymerised form.

CLASS 56D, I.C.-C13f 1/02.

137352

CONTINUOUSLY OPERATING EVAPORATION CRYSTALLISATION PLANT.

SOCIETE FIVES LILLE-CAIL, OF 7, RUE MONTALIVET, 75383 PARIS CEDEX 08, FRANCE.

Application No. 943/Cal/73 filed April 21, 1973.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 9 Claims

Continuously operating evaporation crystallisation plant, of the kind including a closed cylindrical vat with vertical axis and with internal heating arrangement, and whose lower portion is divided into several compartments by radial partitions, the successive compartments, with the exception of the discharge compartment and the one located immediately downstream thereof, communicating with each other through apertures provided in these partitions, characterised in that it includes a supply arm or ramp preferably inclined to the horizontal and located in the upper part of the vat and rotating about the axis of the latter so as to supply in spray or jet successively and periodically all the compartments with sub-saturated solution, and shutter means for regulating the volume of the solution introduced into each compartment.

CLASS 86B &amp; 134A, I.C.-A47C 7/36, 7/40.

137353

IMPROVEMENTS IN OR RELATING TO A SWIVELLING BRACKET OR THE LIKE DEVICE.

SURESH SUNDER DAS GURNANI, 304E, SIMLA HOUSE, NAPEAN SEA ROAD, BOMBAY-6, MAHARASHTRA STATE, INDIA.

Application No. 78/Bom/72 filed October 31, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

## 9 Claims

A swivelling bracket for swivelling or adjusting the angular position of the back-rest of a car seat comprising a swivelling arm pivotally fitted to a fixed arm, characterised by that the fixed arm is a substantially flat hollow tapered casing on one face of which the swivelling arm being pivotally fitted by means of a pivot pin with a coil spring mounted on the said pivot pin for automatic return of the swivelling arm, the swivelling arm being provided with a toothed segment facing towards the fixed arm and inside the said fixed arm there is pivotally fitted with catch having a locking tooth projecting from one face of the said catch and also out of an opening of the fixed arm which locking tooth is in engagement with the said toothed segment of the swivelling arm in its released condition and a handle of the said catch projects out of an aperture of the fixed arm for operation of the catch from outside.

CLASS 155D I.C.-B32b 3/00, 5/00.

137354

IMPROVEMENTS IN LAMINATES.

SURENDRA HIMATLAL SHAH, OF 375, TELANG ROAD, BOMBAY 19 DD, MAHARASHTRA, INDIA.

Application No. 872/72 filed July 15, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

## 9 Claims

An improved laminate composed of two or more layers bonded together of materials having different elasticities or resilience or having different coefficients of thermal expansion, characterised in that the material having less elasticity or a lower coefficient of thermal expansion is provided in corrugated form against a flat or plain backing of the material having greater elasticity or a higher coefficient of thermal expansion, whereby the less elastic material presents a surface having a plurality of ridges, each ridge separated from the next by an intervening depression.

CLASS 56G &amp; 140B, I.C.-B01d 17/02.

137355

A METHOD OF AND AN APPARATUS FOR REMOVING IMMISCIBLE LIQUID IMPURITIES FROM A SUSPENSION.

STANADYNE INC. OF WINDSOR, CONNECTICUT, UNITED STATES OF AMERICA.

Application No. 317/Cal/73 filed February 13, 1973.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 21 Claims

A separator for removing immiscible liquid particles from a suspension in a carrier liquid, comprising a porous barrier of knitted fabric through which the carrier liquid is to pass, the suspended particles being retained by the barrier, and a collector in which the particles retained by the barrier collect.

CLASS 126A, I.C.-G01n 27/00.

137356

EDDY-CURRENT TESTER.

TECHNOFOUR, 841, BUDHWAR PETH, POONA-2, MAHARASHTRA STATE, INDIA.

Application No. 65/Bom/72 filed October 24, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

## 2 Claims

Eddy current tester for testing metallurgical, electrical and mechanical properties of magnetic and non-magnetic materials non-destructively, comprising an electronic circuitry in which a cathode ray tube being designated to indicate on its screen a wave form corresponding to the characteristic of the object placed in a coil in comparison to a reference object placed in another coil, characterised in that there are provided respective stoppers in the other end of both coils such that the reference object and the object under test could be placed at a fixed position to accomplish correctness in testing further characterised in that the time base to the 'X' amplifier can be given in either sinusoidal or saw-tooth wave form so that the pattern of wave form obtained on the screen of the cathode ray tube will respectively be either ellipsoidal or of developed ellipse type so as to afford distinctly positive or negative parameter of the wave form for interpretation of characteristics.

CLASS 32A, I.C.-C09b 49/04.

137357

PROCESS FOR PREPARING BENZOTHIQXANTHENE COMPOUNDS.

HOECHST AKTIENGESellschaft, OF 6230 FRANKFURT (MAIN) 80, FEDERAL REPUBLIC OF GERMANY.

Application No. 792/72 filed July 6, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims.

Process for preparing benzothioxanthene compounds wherein 1-(1'-aminophenylmercapto)-naphthalene compounds or the 1-phenylmercapto-8-aminonaphthalene compounds are reacted in a N, N-dialkylated acid amide with compounds like nitrosyl sulfuric acid and nitrosyl chloride that yield nitrosyl groups and the diazonium compounds so obtained are heated if desired in the presence of copper or copper salts.

CLASS 83A<sub>1</sub>+A<sub>3</sub> & 155A+E+F<sub>2</sub>. 137358

I.C.-DO6m 5/08, 5/10, 5/12, 5/22, 5/24, 5/26, 5/26.

A CONTINUOUS PROCESS FOR EXPANDING A FIBROUS OR FILAMENTARY MATERIAL.

JAN VAN TILBURG, OF LYCEUMSTRAAT 74, ALKMAAR, HOLLAND.

Application No. 923/72 filed July 20, 1972.

Convention date July 20, 1971/(34025/71) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

32 Claims

A continuous process for expanding a fibrous or filamentary material or fibrillating a monoaxially oriented thermoplastics material as herein described which comprises continuously feeding the material to and through a pressure zone defined by a pair of opposed surfaces and maintaining the material in the zone under pressure in the presence of a puffing agent therefor, the opposed surfaces separating at the outlet of the pressure zone so that on exit from the zone the pressure on the material reduces and the puffing agent expands therefrom to effect the expansion or fibrillation of the material.

CLASS 68D & 69B. I.C.-HO2h 3/34, 7/09. 137359

A SINGLE PHASING PREVENTING DEVICE.

I.I.T. MADRAS, TAMILNADU, INDIA.

Application No. 105/Mas/73 filed July 27, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

3 Claims

A single phasing preventing device for use with a three phase alternating current supply feeding a load through a known contactor having a hold-on coil which is connectable to one of the phases of said supply and to the neutral comprising three equal impedances in a star connectable to the three phases of said supply; an electronic amplifier whose input side is connectable to said neutral and, through said contactor, to said star-point; a rectifier provided on said input side of said amplifier; a relay whose coil is connectable to the output side of said amplifier, said relay having normally closed contacts for being incorporated in the line connecting the hold-on coil to the neutral; a step-down transformer, the two leads of whose primary winding are, respectively, connectable to the neutral and, through said contactor, to the phase to which the hold-on coil is connectable, the secondary winding thereof being capable of supplying power to the said amplifier through another rectifier, the arrangement being such that when either or both of the phases (other than the phase connectable to the hold-on coil) fail, the voltage between the said star-point and said neutral, after amplification by the said amplifier, is sufficient to energise the coil of said relay to cause the said contacts to open the line connecting the hold-on coil to the neutral and de-energise the said hold-on coil.

## OPPOSITION PROCEEDINGS

The opposition entered by Belpahar Refractories Limited to the grant of a patent on application No. 136196 made by Orissa Cement Limited as notified in Part III, Section 2 of the Gazette of India dated the 26th April 1975 has been dismissed.

## CORRECTION OF CLERICAL ERRORS

(1)

Under Section 78(3) of the Patents Act, 1970 certain clerical errors occurring in the patent in respect of Patent No. 135596 were corrected on 13th May 1975.

(2)

Under Section 78(3) of the Patents Act, 1970 certain clerical errors occurring in the application, specification and Patent in respect of Patent No. 135960 were corrected on the 28th May 1975.

## PRINTED SPECIFICATION PUBLISHED

A limited number of printed copies of the undernoted specifications are available for sale from the Officer-in-Charge, Government of India, Central Book Depot, 8, Hastings Street, Calcutta, at two rupees per copy :—

(1)

119234 119237 119252 119350 119393 119426 119606 119627  
120766 120774 120786 120816 120831 120920 121172 121375  
121490 121554 121666 121702 122103 122202 124273 125372

(2)

124218 124822 124977 125174 125270 125604 126809 128302

(3)

122029 123257 123385 123444 123470 123589 123590 123613  
123670 123774 123849 124150 124528 124665 125249 125563  
125616 125698 126510

(4)

122589 122598 123782 124032 124269 134304 124560 124912  
124958 124979 125086 125415 125674 125701 125987 126130  
126268 126495 126520 127181 127345 127968 128600

(5)

122127 123399 123479 123506 123545 123548 123958 124092  
124198 124222 124267 124340 124370 125198 125668 125947  
126346 127462 130498 130499

(6)

121011 121158 121544 121613 122164 122336 122356 122375  
122433 122436 122580 122691 122905 122909 122961 123021  
123101 123449 123809 123973 124411 124412 124630 124692  
125532 125743 126075 128804

## PATENTS SEALED

83593 84972 90039 92661 92410 95098 107425 108219  
108573 110702 119005 119385 121910 127743 133978 133990  
133991 134065 134576 134756 135756 136031 136120 136131  
136132 136133 136134 136135 136136 136137 136312 136361

## REGISTRATION OF ASSIGNMENTS, LICENCES, ETC. (PATENTS)

Assignments, licences or other transactions affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interests :—

67161.—M/s. Colour-Chem Limited.

## PATENTS DEEMED TO BE ENDORSED WITH THE WORDS "LICENCES OF RIGHT"

The following patents are deemed to have been endorsed with the words "Licences of right" under Section 87 of the Patents Act, 1970. The dates shown in the crescent brackets are the dates of the Patents.

No.	Title of the invention
126647 (28-5-69)	Process for the preparation of organometallic compounds suitable for the polymerisation of olefinically unsaturated monomers.
126692 (16-5-70)	Improvement in a process for obtaining wood pulp for the manufacture of paper and cardboard.
126895 (2-6-70)	A method of making dried modified case in.
127121 (16-6-70)	Disperse dyes of the azobenzene series, process for their production and process for dyeing or Printing with such dyes.
127165 (19-6-70)	Method for activating hydrocracking catalysts.
127227 (23-6-70)	Pigment preparation.
127395 (4-7-70)	Process for preparing glycol type carboxylic acid esters.
127500 (10-7-70)	A herbicide for pre-emergence application.
128608 (26-9-70)	Brightener compositions for photographic materials and a method of making them.

## RENEWAL FEES PAID

72248	72319	72350	72379	72428	72959	73714	73715	74107
76799	76968	77006	77050	77064	77118	77231	77252	77268
77353	77478	77777	77778	78251	82303	82442	82547	82555
82558	82561	82578	82659	82662	82710	82721	82744	82753
82759	82765	82822	82871	82930	82936	82966	83003	83004
83144	83171	83290	83390	83431	83496	83733	85526	87564
88244	88264	88293	88304	88364	88374	88378	88385	88407
88433	88482	88483	88487	88488	88492	88556	88582	88609
88623	88638	88785	88848	88902	88973	89073	91197	91363
92348	93323	94071	94087	94088	94217	94220	94234	94245
94257	94276	94336	94381	94382	94404	94437	94479	94501
94503	94542	94543	94601	94612	94775	95463	87247	98833
99768	99851	99897	99990	100017	100032	100097	100117	
100313	100612	101294	101613	101756	102137	103306	103490	
105490	105491	105500	105543	105558	105560	105563	105573	
105589	105590	105616	105629	105632	105635	105642	105652	
105718	105746	105784	105794	105894	105983	106052	106160	
106295	106303	106306	106363	106958	107315	108031	108684	
108788	109479	109574	110071	110682	110780	110852	110856	
110952	110966	110986	110995	111043	111092	111102	111120	
111185	111205	111212	111213	111226	111239	111242	111261	
111383	111393	111394	111458	111473	111488	111551	111552	
111581	111911	112372	113274	113275	113513	115578	115873	
115954	115977	116122	116151	116245	116293	116296	116301	
116305	116306	116309	116322	116328	116381	116385	116444	
116460	116686	116530	116538	116556	116576	116579	116612	
116615	116686	116736	116792	116929	117259	117353	119424	
120128	120437	120808	121393	121464	121467	121513	121645	
121673	121674	121675	121746	121755	121787	121790	121791	
121881	121883	121892	121893	121899	121914	121921	121922	
121950	121953	121961	121983	121996	121997	122024	122224	
122244	122276	122295	122305	122321	122356	122358	122379	

122381	122427	122933	122990	123322	123324	123350	124607
124679	124827	125984	126295	126346	126369	126394	126395
126396	126434	126471	126663	126697	126713	126807	126818
126945	126974	127022	127032	127039	127057	127058	127067
127086	127088	127105	127106	127125	127166	127169	127174
127212	127213	127230	127231	127236	127251	127266	127269
127277	127304	127324	127325	127382	127404	127405	127406
127450	127497	127520	127597	127666	127667	127683	127956
128152	128160	128173	128312	128455	128456	128457	128499
128642	128870	129052	130120	130123	130903	131378	131476
131560	131561	131585	131600	131604	131628	131643	131647
131659	131697	131698	131708	131714	131731	131732	131782
131839	131850	131881	131897	131898	131903	131904	131905
131927	131982	132024	132077	132100	132118	132157	132204
132253	132423	132608	132688	132715	132763	132939	132978
133538	133544	133567	133827	133982	134164	134437	134856
134857	134930	135181	135182	135204	135278	135303	135384
135441	135465	135535	135615	135644	135714	135719	135765
135766	135768	135769	135790	135811	135817	135839	135851
135874	135876	135902	135932	135945	135982	136025	136042
136045	136046	136050	136070	136083	136124		

## CESSATION OF PATENTS

129714	129740	129764	129827	129911	129977	129996	130056
130058	130062	130064	130094	120245	130261	130408	130535
130642	131300	131574	131826	131935	131966	132038	132051
132052	132053	132056	132062	132063	132074	132082	132084
132096	132103	132125	132137	132156	132178	132187	132190
132193	132225	132230	132246	132248	132280	132293	132294
132297	132299	132313	132334	132335	132345	132353	132354
132358	132371	132379	132398	132422	132438	132439	132489
132529	132546	132561	132563	132566	132578	132589	132593
132613	132630	132638	132691	132705	132750	132751	132752
132753	132757	132778	132779	132794	132797	132807	132814
132860	132871	132901	132923	133020	133038	133045	133046
133072	133087	133093	133122	133196	133199	133201	133235
133236							

## RESTORATION PROCEEDINGS

(1)

Notice is hereby given that an application for restoration of Patent No. 87617 dated the 14th August, 1962 made by Gregoire Engineering & Development Company on the 15th January 1975 and notified in the Gazette of India, Part-III, Section 2 dated the 8th March, 1975 has been allowed and the said patent restored.

(2)

Notice is hereby given that an application for restoration of Patent No. 121500 dated the 26th May 1969 made by Smt. Kunjbala Chinubhai Gandhi on the 6th December 1974 and notified in the Gazette of India, Part-III, Section 2 dated 22nd February 1975 has been allowed and the said patent restored.

(3)

Notice is hereby given that an application for restoration of Patent No. 121502 dated the 26th May, 1969 made by Smt. Kunjbala Chinubhai Gandhi on the 6th December 1974 and notified in the Gazette of India, Part-III, Section 2 dated the 22nd February 1975 has been allowed and the said patent restored.

## REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in each entry is the date of registration of the design included in the entry.

- Class 1. No. 142370. A Chachra, an Indian of 10 Laxmi Mansion, Post Box No. 150 Jamshedpur, Bihar, India. Two wheeled vehicle. October 26, 1974.
- Class 1. No. 142512. Philips India Limited, of Shivsagar Estate, Block "A" Dr. Annie Besant Road, Worli, Bombay-18 (WB), Maharashtra State, India, an Indian Company. A single wall bracket light fitting. December 16, 1974.
- Class 1. No. 142513. Philips India Limited, of Shivsagar Estate, Block "A" Dr. Annie Besant Road, Worli, Bombay-18 (WB), Maharashtra State, India, an Indian Company. A double wall bracket light fitting. December 16, 1974.
- Class 3. No. 142514. Philips India Limited, of Shivsagar Estate, Block "A" Dr. Annie Besant Road, Worli, Bombay-18 (WB), Maharashtra State, India, an Indian Company. A single wall bracket light fitting. December 16, 1974.
- Class 3. No. 142515. Philips India Limited, of Shivsagar Estate, Block "A" Dr. Annie Besant Road, Worli, Bombay-18 (WB), Maharashtra State, India, an Indian Company. A double wall bracket light fitting. December 16, 1974.
- Class 3. No. 142616. General Engineering Tools, an Indian partnership Firm, 85, Bombay Talkies compound, Malad, Bombay-64, Maharashtra, India. Divider. January 13, 1975.
- Class 3. No. 142617. General Engineering Tools, an Indian partnership Firm, 85, Bombay Talkies compound, Malad, Bombay-64, Maharashtra, India. Compass for drawing circles. January 13, 1975.
- Class 3. No. 142689. Unique Enterprises, 501, Janmabhoomi Chambers, Walchand Hirachand Marg, Fort, Bombay-400001, Maharashtra State, India, an Indian Partnership Firm. Pen-stand. February 5, 1975.
- Class 3. Nos. 142703, 142704, 142705, 142706, 142707, 142708, 142709, 142710, 142711 & 142712. Mona Toys Industries, A partnership firm of D-34, Rajouri Gardens, New Delhi-27, India, "Toys", February 11, 1975.
- Class 3. Nos. 142716, 142717, 142718, 142719, 142720, 142721, 142722, 142723, 142724, 142725, 142726, 142727, 142728, 142729, 142730 & 142731. Mona Toys industries, A partnership firm of D-34, Rajouri Gardens, New Delhi-27, India. "Toys", February 12, 1975.
- Class 3. No. 142758. Chandan Udyog, 19B, Singh Industrial Estate, Ram Mandir Road, Goregaon (West), Bombay-400062, Maharashtra State, an Indian proprietary concern. "Watch Strap". February 26, 1975.
- Class 4. No. 142517. Philips India Limited, of Shivsagar Estate, Block "A", Dr. Annie Besant Road, Worli, Bombay 18 (WB), Maharashtra State, India, An Indian Company. "A double wall bracket light fitting". December 16, 1974.
- Class 4. No. 142516. Philips India Limited, of Shivsagar Estate, Block "A", Dr. Annie Besant Road, Worli, Bombay 18 (WB), Maharashtra State, India, An Indian Company. A single wall bracket light fitting. December 16, 1974.

S. VEDARAMAN,  
Controller General of Patents,  
Designs and Trade Marks.